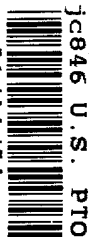


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JC846 U.S. PTO

Please type a plus sign (+) inside this box → ☐Approved for use through 10/31/2002. OMB 0651-0023
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 510-CIP

First Inventor Thomas H. Baum

Title Source Reagent Compositions...

Express Mail Label No. EL899899425US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 45]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. Oath or Declaration [Total Pages]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 17 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Other: Appendix A, Express Mail Cert.

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No. 09 / 823,196

Prior application information: Examiner TBA Group I Art Unit. 2811

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

25559

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name Margaret Chappuis

Address Advanced Technology Materials, Inc.
7 Commerce Drive

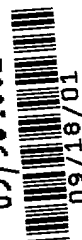
City Danbury State CT Zip Code 06810

Country USA Telephone 203-794-1100 Fax 203-797-2544

Name (Print/Type) Margaret Chappuis Registration No. (Attorney/Agent) 45,735

Signature Margaret Chappuis Date 9/18/2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231



09/954831

09/18/01

APPENDIX A

Applicants: Thomas H. Baum, et al.

Filing Date: Herewith

Application entitled: SOURCE REAGENT COMPOSITIONS FOR CVD
FORMATION OF GATE DIELECTRIC THIN FILMS USING
AMIDE PRECURSORS AND METHOD OF USING SAME

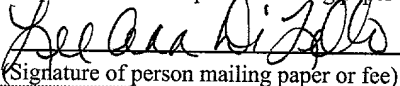
Express Mail Certificate

Date of Deposit: September 18, 2001

I hereby certify that this document is being deposited with the United States Postal Service, as Express Mail to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box New Application, Assistant Commissioner for Patents, Washington, DC 20231.

Lee Ann DiLello

(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number	TBA
Filing Date	HEREWITH
First Named Inventor	Thomas H. Baum
Examiner Name	TBA
Group / Art Unit	TBA
Attorney Docket No.	510-CIP

TOTAL AMOUNT OF PAYMENT \$1,778.00

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge any underpayment of fees and credit any over payments to:

Deposit Account Number 50-0860

Deposit Account Name Advanced Technology Materials, Inc.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed: Charge above deposit account

☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Code	\$	Code	\$		
101	710	201	355	Utility Filing Fee	710
106	320	206	160	Design Filing Fee	
107	490	207	245	Plant Filing Fee	
108	710	208	355	Reissue Filing Fee	
114	150	214	75	Provisional Filing Fee	
SUBTOTAL (1)					(\$ 710.00)

2. EXTRA CLAIM FEES

Claims	Extra Claims X	Fee below =	from	Fee Paid
66	-20**	46	18	828.00
Ind. Clms 6	-3**	3	80.00	240.00
Multiple Dependent Claims				

Large Entity		Small Entity		Fee Description
Code	\$	Code	\$	
103	18	203	9	Claims in excess of 20
102	80	202	40	Indep. claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	Reissue indep. claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				

**or number previously paid, if greater. For Reissues, see above

(\$ 1,778.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Code	\$	Code	\$		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English Specification	
147	2520	147	2520	Filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Request publication of SIR prior to Examiner action	
113	1840*	113	1840*	Request publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1390	218	695	Extension for reply within fourth month	
128	1890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1510	138	1510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive: unavoidable	
141	1240	241	620	Petition to revive: unintentional	
142	1240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	Each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY:

Name (Print/Type)	Margaret Chappuis	Registration No. (Attorney/Agent)	45,735	Complete (if applicable)	Telephone	203-794-1100
Signature	Margaret Chappuis			Date	9/18/2001	